

Name \_\_\_\_\_

### Reading Weather Maps

- What does the “H” on a weather map represent?
  - High pressure
- What does the “L” on a weather map represent?
  - Low pressure
- What kind of weather is associated with a high-pressure system?
  - Clear skies
- What kind of weather is associated with a low-pressure system?
  - Cloudy skies and precipitation (rising air currents)
- What symbol represents a cold-front?
  - Blue triangle
- What symbol represents a warm-front?
  - Red semicircle
- Why are the triangles and semicircles on the symbol for a cold and warm front facing in one direction? What do you think the direction of the symbol means?
  - Direction of the symbol faces the direction in which the front is moving
- How does weather move across the United States?
  - From west to east (following path of jet stream)
- Why is it important to know this information?
  - Help meteorologists forecast weather

Name \_\_\_\_\_

### Reading Weather Maps Questions

Answer the following questions by using your notes and the map on the back of this paper.

1. Describe the pressure conditions around Pittsburgh.
2. Based on the pressure, do you think the skies will be cloudy or clear in Pittsburgh?
3. Describe the pressure conditions around Pierre and Minneapolis.
4. Based on the pressure, do you think the skies will be cloudy or clear between Pierre and Minneapolis?
5. Around which cities do you see a stationary front?
6. Around which city do you see a warm front AND thunderstorms?
7. What are the high and low temperatures for Phoenix, Arizona?
8. What type of weather should Florida expect for the next few days?